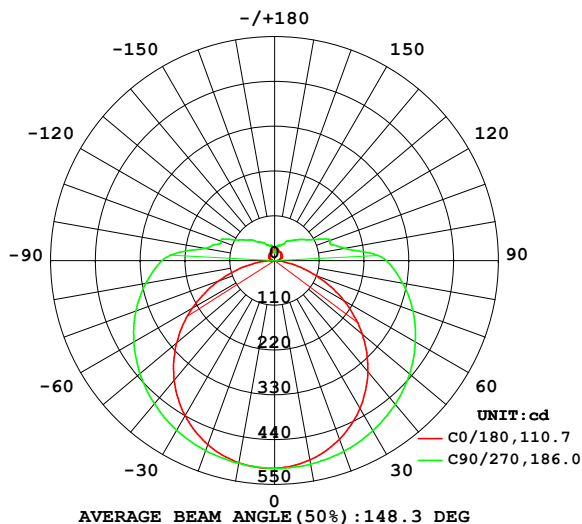


LUMINAIRE PHOTOMETRIC TEST REPORT

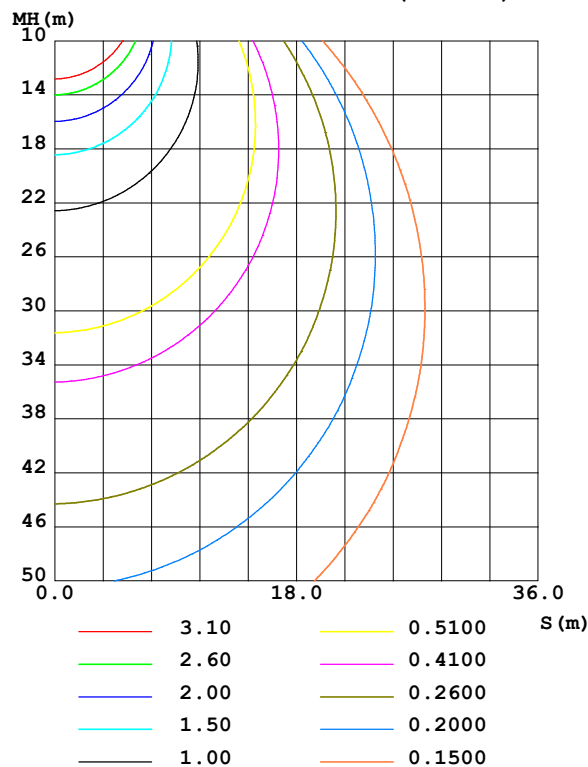
Test:U:120.10V I:0.2673A P:30.072W PF:0.9366 Freq:59.98Hz Lamp Flux:2385.72x1 lm		
NAME: WS36-033B-金色 30W 50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.33 lm/W			
MODEL	5000K	I _{max} (cd)	510.5	S/MH(C0/180)	1.28
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.42
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2385.7	η UP,DN(C0-180)	9.1,40.1
NOMINAL FLUX(lm)	2385.72	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	8.8,42.0
LAMPS INSIDE	1	η up(%)	17.9	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	82.1	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: DAMIN
Test Date: 04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 65.0%
Test Distance: 7.380m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C90	C180	C270					γ	Φ zone	Φ total	%lum, lamp
10	497.2	507.9	504.4	505.7					0- 10	48.40	48.40	2.03,2.03
20	466.8	498.4	480.6	496.4					10- 20	140.2	188.6	7.91,7.91
30	419.5	482.5	439.8	481.3					20- 30	217.9	406.5	17,17
40	356.7	461.0	384.2	459.4					30- 40	273.6	680.1	28.5,28.5
50	281.3	432.9	314.4	431.9					40- 50	302.2	982.3	41.2,41.2
60	196.8	399.1	233.3	399.3					50- 60	301.6	1284	53.8,53.8
70	108.0	361.9	146.3	362.6					60- 70	273.6	1557	65.3,65.3
80	32.51	319.5	63.81	321.1					70- 80	226.0	1783	74.8,74.8
90	8.409	275.1	11.23	277.0					80- 90	175.6	1959	82.1,82.1
100	11.57	175.3	9.415	174.7					90-100	130.5	2090	87.6,87.6
110	16.87	145.4	13.80	142.1					100-110	87.74	2177	91.3,91.3
120	19.74	103.5	16.64	101.9					110-120	70.80	2248	94.2,94.2
130	21.83	81.04	18.26	79.69					120-130	49.26	2297	96.3,96.3
140	24.23	64.77	20.64	60.40					130-140	35.53	2333	97.8,97.8
150	25.04	49.22	21.47	49.01					140-150	25.29	2358	98.8,98.8
160	25.52	39.19	22.35	39.53					150-160	15.52	2374	99.5,99.5
170	30.67	35.21	28.52	35.45					160-170	9.205	2383	99.9,99.9
180	33.87	21.32	33.87	21.31					170-180	2.810	2386	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 829.41 lm

%lum = 34.8%

%lamp = 34.8%

Conical surface Flux(120deg): 1283.8 lm

%lum = 53.8%

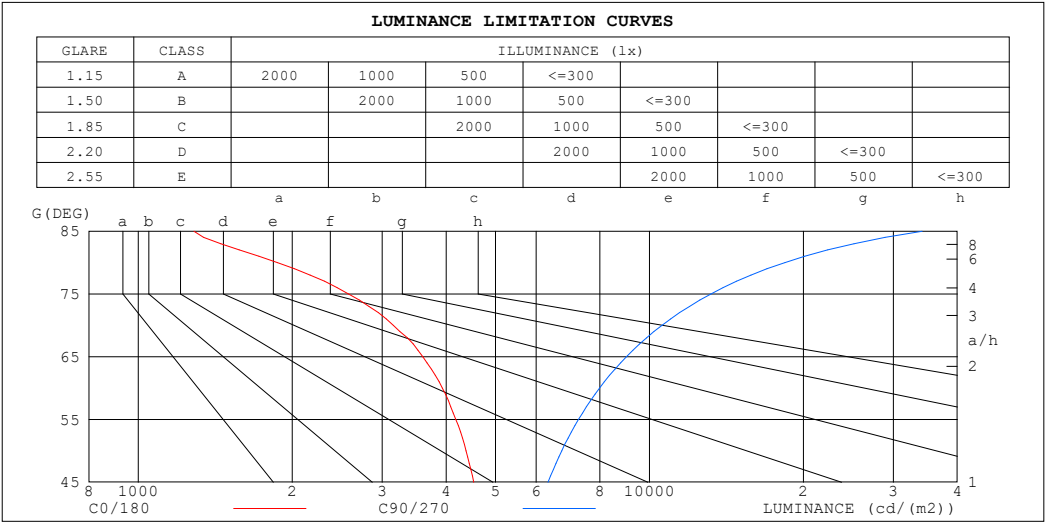
%lamp = 53.8%

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:04 February 2026

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
 Humidity:65.0%
 Test Distance:7.380m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.10V I:0.2673A P:30.072W PF:0.9366 Freq:59.98Hz Lamp Flux:2385.72x1 lm		
NAME: WS36-033B-金色 30W 50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



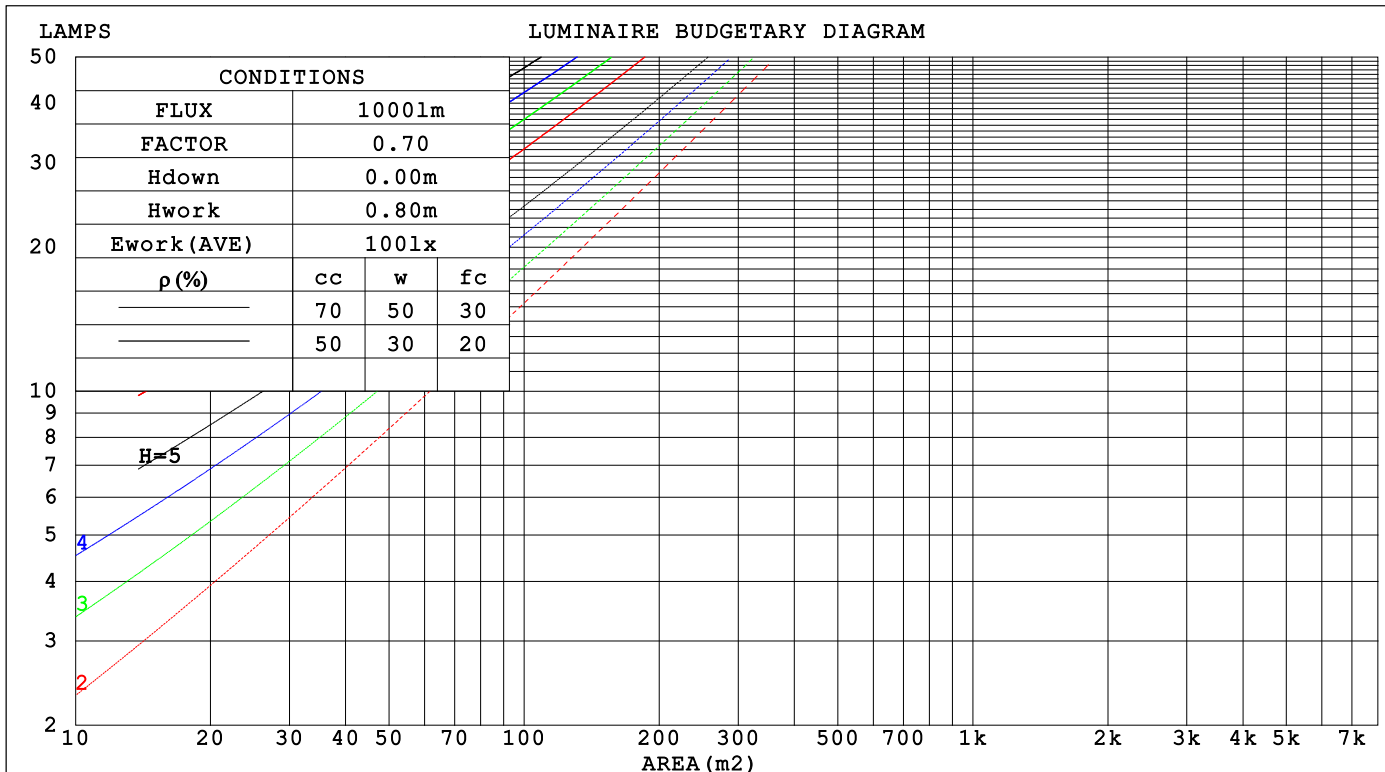
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1284	34139
80	1872	18398
75	2579	13196
70	3156	10581
65	3602	9014
60	3936	7982
55	4180	7264
50	4377	6734
45	4532	6332

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 90.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Temperature:25.3℃	Humidity:65.0%
Operators:DAMIN	Test Distance:7.380m [K=1.0000]
Test Date:04 February 2026	Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.10V I:0.2673A P:30.072W PF:0.9366 Freq:59.98Hz Lamp Flux:2385.72x1 lm		
NAME: WS36-033B-金色 30W 50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0														
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
pfc	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Coefficients of Utilization(CU)														
0.0	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.93	.93	.93	.86	.86	.86	.82														
1.0	.96	.90	.86	.92	.87	.82	.84	.80	.77	.77	.74	.71	.71	.68	.66	.62														
2.0	.82	.74	.67	.78	.71	.65	.72	.66	.61	.66	.61	.57	.60	.56	.53	.50														
3.0	.71	.62	.55	.68	.60	.53	.62	.55	.50	.57	.51	.47	.52	.48	.44	.41														
4.0	.62	.53	.46	.60	.51	.44	.55	.47	.42	.50	.44	.39	.46	.41	.37	.34														
5.0	.55	.46	.39	.53	.44	.38	.49	.41	.36	.45	.39	.34	.41	.36	.32	.29														
6.0	.49	.40	.33	.47	.39	.32	.44	.36	.31	.40	.34	.29	.37	.32	.27	.25														
7.0	.45	.35	.29	.43	.34	.28	.40	.32	.27	.37	.30	.26	.34	.28	.24	.22														
8.0	.40	.32	.26	.39	.31	.25	.36	.29	.24	.34	.27	.23	.31	.26	.21	.19														
9.0	.37	.29	.23	.36	.28	.22	.33	.26	.21	.31	.25	.20	.29	.23	.19	.17														
10.0	.34	.26	.21	.33	.25	.20	.31	.24	.19	.28	.23	.18	.27	.21	.17	.15														



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:7.380m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.10V I:0.2673A P:30.072W PF:0.9366 Freq:59.98Hz Lamp Flux:2385.72x1 lm		
NAME: WS36-033B-金色 30W 50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.384	.219	.069	.372	.212	.067	.348	.200	.064	.326	.188	.060	.306	.177	.057		
2.0	.333	.183	.056	.322	.177	.055	.300	.167	.052	.281	.157	.049	.262	.148	.047		
3.0	.296	.158	.047	.286	.153	.046	.267	.144	.044	.249	.136	.042	.232	.128	.040		
4.0	.267	.139	.041	.257	.135	.040	.240	.127	.038	.224	.120	.036	.208	.113	.034		
5.0	.243	.124	.036	.234	.120	.035	.218	.114	.033	.203	.107	.032	.189	.101	.030		
6.0	.222	.111	.032	.215	.108	.031	.200	.103	.030	.186	.097	.028	.174	.091	.027		
7.0	.205	.101	.029	.198	.099	.028	.185	.093	.027	.172	.088	.026	.160	.083	.025		
8.0	.190	.093	.026	.184	.090	.026	.171	.086	.024	.160	.081	.023	.149	.077	.022		
9.0	.177	.086	.024	.171	.083	.023	.160	.079	.022	.149	.075	.021	.139	.071	.020		
10.0	.166	.080	.022	.160	.077	.022	.150	.073	.021	.140	.070	.020	.131	.066	.019		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.327	.327	.327	.279	.279	.279	.191	.191	.191	.109	.109	.109	.035	.035	.035		
1.0	.323	.293	.266	.276	.251	.229	.189	.173	.158	.109	.100	.092	.035	.032	.030		
2.0	.316	.270	.231	.271	.232	.200	.186	.161	.139	.107	.094	.082	.034	.030	.027		
3.0	.309	.254	.210	.265	.219	.182	.182	.152	.127	.105	.089	.075	.034	.029	.025		
4.0	.301	.241	.195	.258	.208	.170	.178	.145	.119	.103	.085	.071	.033	.028	.023		
5.0	.293	.231	.185	.252	.200	.161	.173	.140	.114	.100	.082	.068	.032	.027	.022		
6.0	.286	.223	.178	.246	.193	.155	.169	.135	.110	.098	.080	.065	.032	.026	.022		
7.0	.279	.217	.173	.240	.188	.151	.166	.132	.107	.096	.078	.064	.031	.025	.021		
8.0	.272	.211	.169	.234	.183	.148	.162	.129	.105	.094	.076	.062	.030	.025	.021		
9.0	.266	.206	.166	.229	.179	.145	.159	.126	.103	.092	.074	.061	.030	.024	.020		
10.0	.260	.202	.164	.224	.176	.143	.155	.124	.102	.091	.073	.061	.029	.024	.020		

C Range: 0 - 360DEG

C Interval: 90.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:DAMIN

Test Date:04 February 2026

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459

Humidity:65.0%

Test Distance:7.380m [K=1.0000]

Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.10V I:0.2673A P:30.072W PF:0.9366 Freq:59.98Hz Lamp Flux:2385.72x1 lm										
NAME: WS36-033B-金色 30W 50K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 1		
MFR.: EVERFINE					SUR.:			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	13.5	14.8	14.0	15.3	15.9	15.9	17.3	16.4	17.8	18.4
3H	14.8	16.1	15.3	16.6	17.2	18.7	20.0	19.3	20.5	21.1
4H	15.2	16.5	15.8	17.0	17.6	20.3	21.5	20.9	22.1	22.7
6H	15.5	16.6	16.1	17.2	17.9	22.1	23.2	22.6	23.8	24.4
8H	15.6	16.7	16.1	17.2	17.9	23.1	24.2	23.6	24.7	25.4
12H	15.6	16.6	16.2	17.2	17.9	24.2	25.3	24.8	25.9	26.5
4H 2H	14.6	15.8	15.1	16.4	17.0	16.4	17.6	16.9	18.1	18.8
3H	16.2	17.3	16.8	17.9	18.6	19.4	20.4	20.0	21.0	21.7
4H	16.9	17.9	17.5	18.5	19.2	21.1	22.1	21.8	22.7	23.4
6H	17.4	18.3	18.0	18.9	19.6	23.1	24.0	23.8	24.6	25.4
8H	17.5	18.3	18.2	19.0	19.8	24.2	25.0	24.9	25.7	26.5
12H	17.6	18.4	18.3	19.0	19.8	25.5	26.3	26.2	27.0	27.7
8H 4H	18.0	18.8	18.6	19.4	20.2	21.4	22.2	22.0	22.8	23.6
6H	18.9	19.5	19.5	20.2	21.0	23.6	24.3	24.3	25.0	25.8
8H	19.2	19.8	19.9	20.5	21.4	24.9	25.5	25.6	26.2	27.1
12H	19.5	20.1	20.3	20.8	21.6	26.5	27.0	27.2	27.8	28.6
12H 4H	18.3	19.1	19.0	19.8	20.5	21.4	22.1	22.0	22.8	23.6
6H	19.4	20.1	20.2	20.8	21.6	23.7	24.3	24.4	25.0	25.8
8H	20.0	20.5	20.7	21.3	22.1	25.1	25.6	25.8	26.4	27.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H	+ 0.3 / - 0.5					+ 0.2 / - 0.3				

CIE Pub.117, 2386 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.0)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:7.380m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.10V I:0.2673A P:30.072W PF:0.9366 Freq:59.98Hz Lamp Flux:2385.72x1 lm		
NAME: WS36-033B-金色 30W 50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

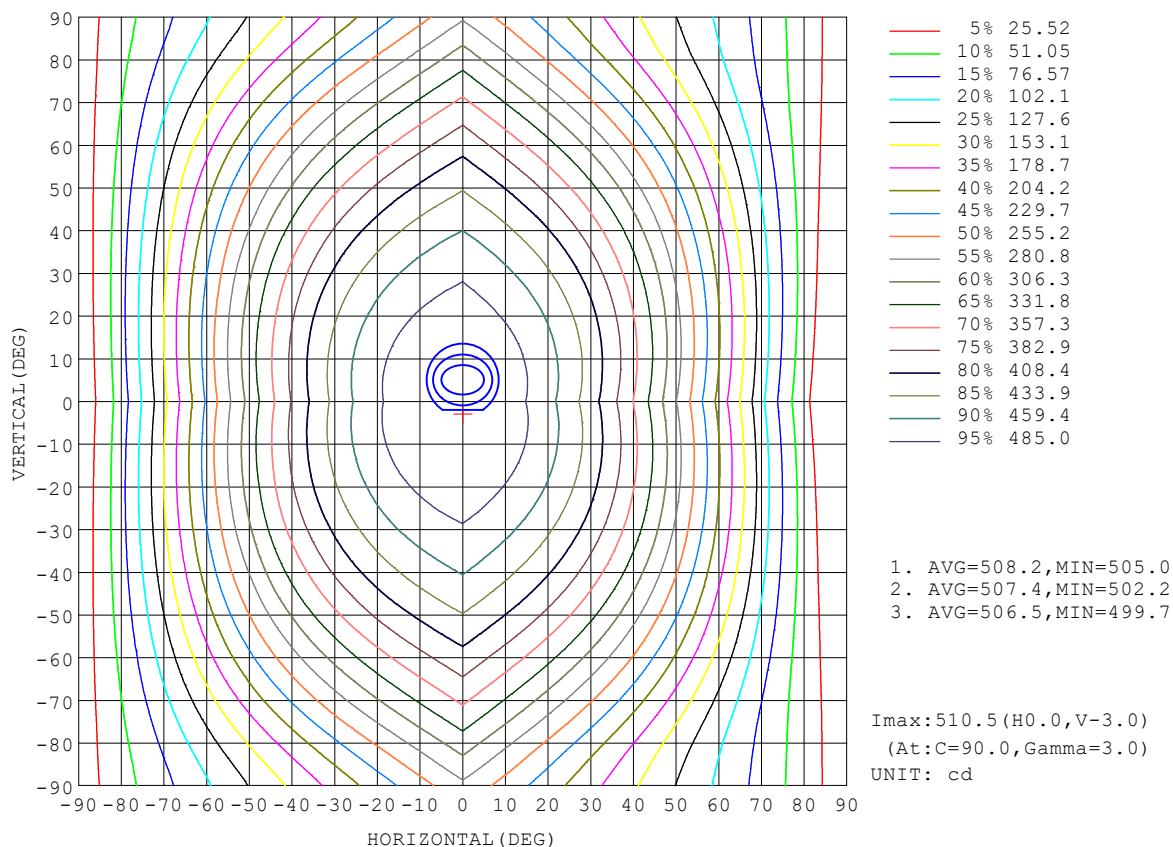
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	48	35	28	47	35	28	45	34	27	21
0.80	57	44	36	55	43	35	52	42	35	27
1.00	65	52	43	63	51	43	59	51	42	33
1.25	72	59	50	69	58	50	65	55	48	38
1.50	77	65	56	74	63	55	69	60	53	42
2.00	84	73	65	81	71	63	75	67	60	49
2.50	89	78	70	85	76	69	79	71	65	53
3.00	92	83	76	89	80	74	82	75	70	56
4.00	97	89	83	93	86	80	86	80	75	61
5.00	100	93	87	96	90	84	88	83	79	64
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: DAMIN
Test Date: 04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 65.0%
Test Distance: 7.380m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.10V I:0.2673A P:30.072W PF:0.9366 Freq:59.98Hz Lamp Flux:2385.72x1 lm		
NAME: WS36-033B-金色 30W 50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

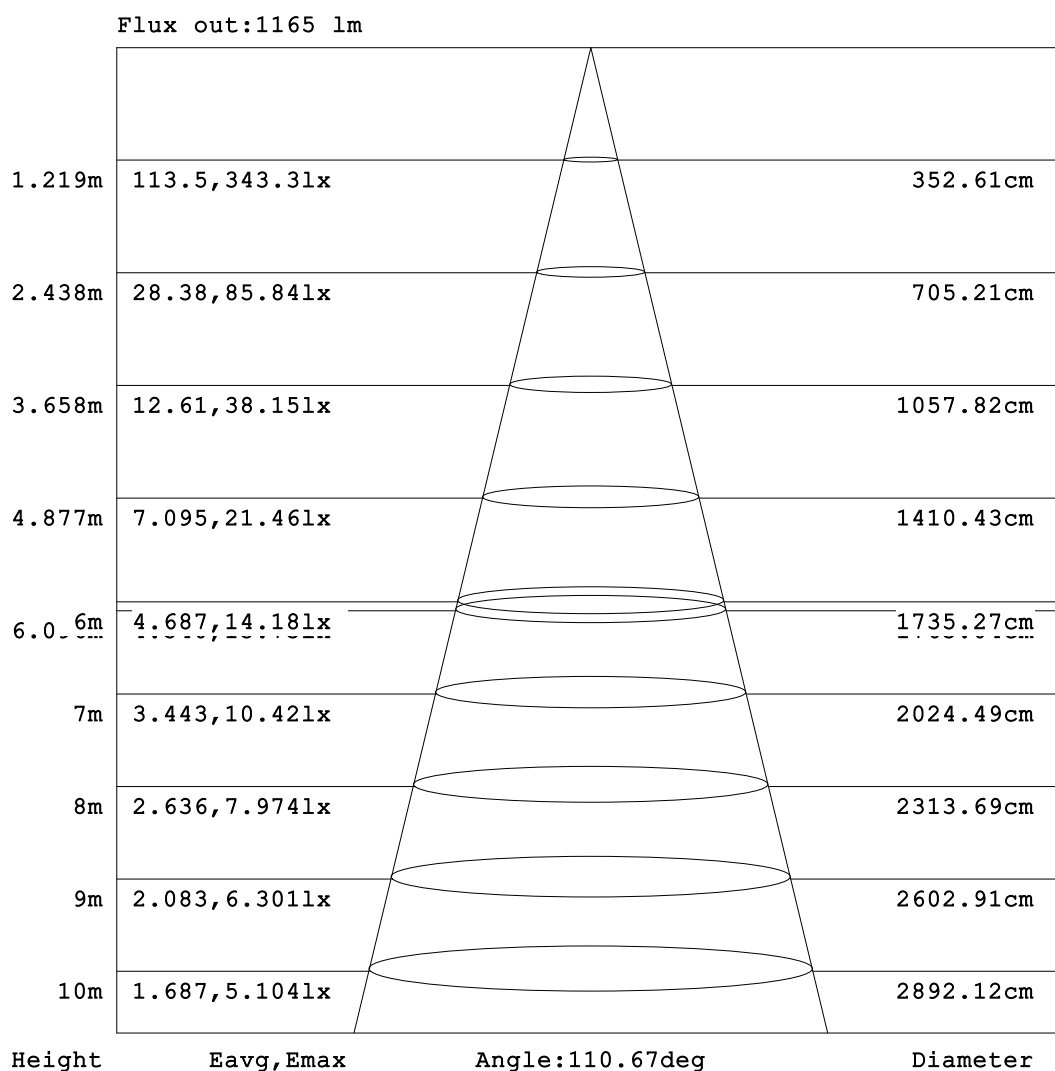


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 65.0%
Test Distance: 7.380m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.10V I:0.2673A P:30.072W PF:0.9366 Freq:59.98Hz Lamp Flux:2385.72x1 lm		
NAME: WS36-033B-金色 30W 50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



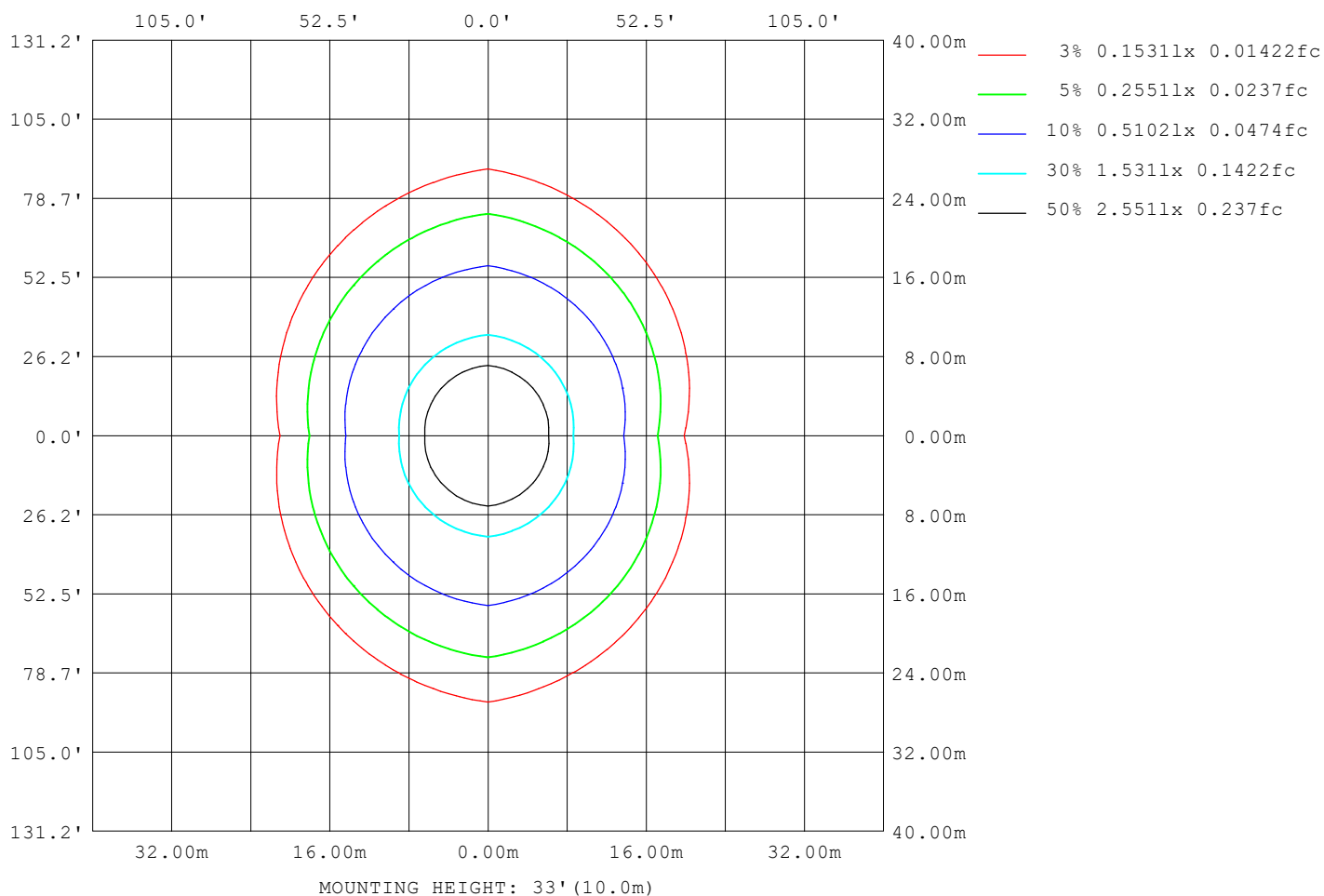
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:7.380m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.10V I:0.2673A P:30.072W PF:0.9366 Freq:59.98Hz Lamp Flux:2385.72x1 lm		
NAME: WS36-033B-金色 30W 50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 65.0%
Test Distance: 7.380m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.10V I:0.2673A P:30.072W PF:0.9366 Freq:59.98Hz Lamp Flux:2385.72x1 lm		
NAME: WS36-033B-金色 30W 50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

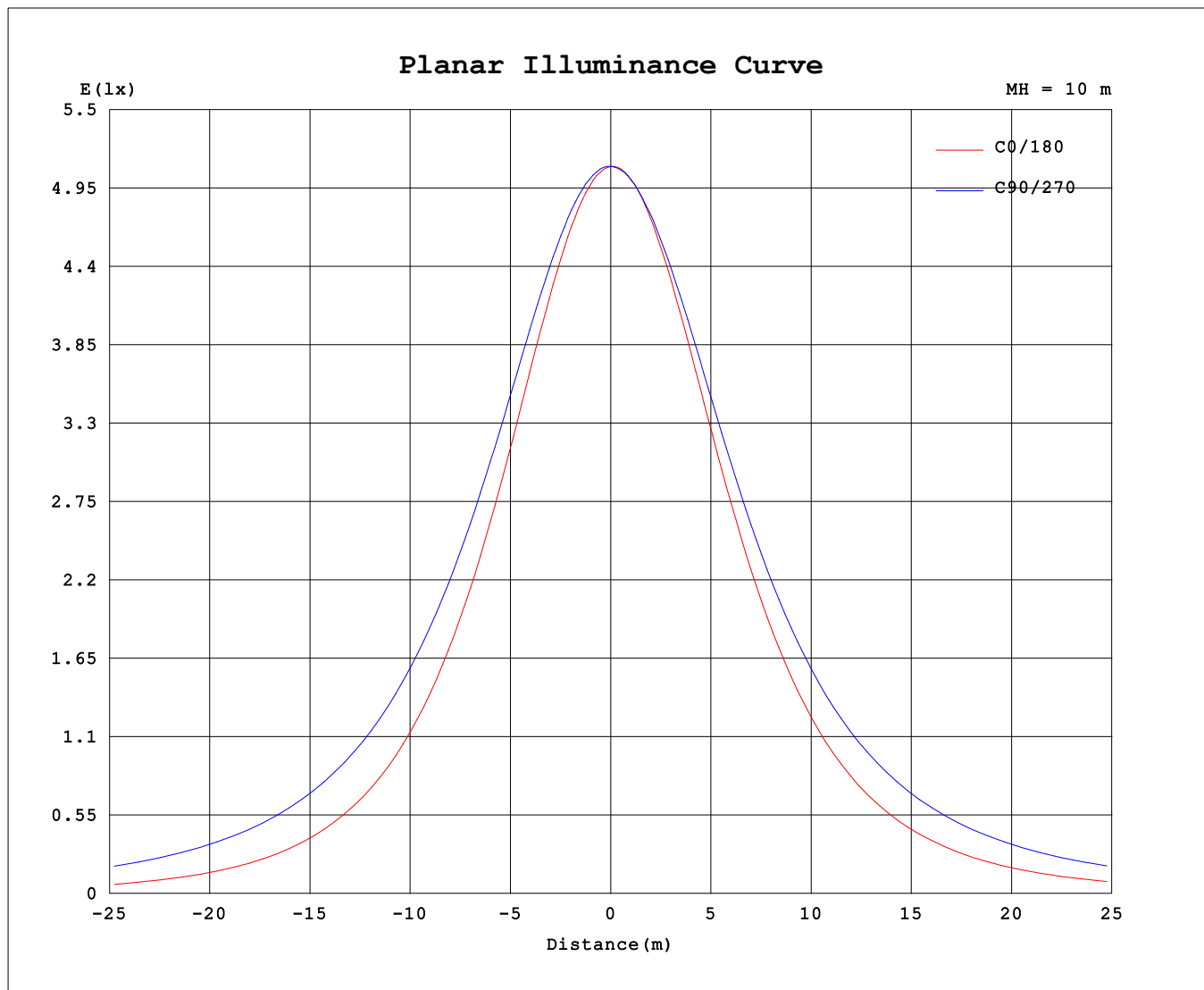
AvgL	cd/m2
L_0~180 (65) av	4045
L_0~180 (75) av	3293
L_0~180 (85) av	2399
L_90~270 (65) av	9023
L_90~270 (75) av	13212
L_90~270 (85) av	34233
L_45 (65) av	7184
L_45 (75) av	9537
L_45 (85) av	22365

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:7.380m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: DAMIN
Test Date: 04 February 2026

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 65.0%
Test Distance: 7.380m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.10V I:0.2673A P:30.072W PF:0.9366 Freq:59.98Hz Lamp Flux:2385.72x1 lm		
NAME: WS36-033B-金色 30W 50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	90	180	270															
0	510	510	510	510															
5	506	510	509	509															
10	497	508	504	506															
15	484	504	495	502															
20	467	498	481	496															
25	445	491	462	490															
30	420	482	440	481															
35	390	473	414	471															
40	357	461	384	459															
45	320	448	351	446															
50	281	433	314	432															
55	240	417	275	416															
60	197	399	233	399															
65	152	381	190	382															
70	108	362	146	363															
75	66.7	342	104	342															
80	32.5	319	63.8	321															
85	11.2	298	30.6	299															
90	8.41	275	11.2	277															
95	9.51	231	8.80	235															
100	11.6	175	9.42	175															
105	14.1	149	11.2	153															
110	16.9	145	13.8	142															
115	19.0	125	16.1	125															
120	19.7	103	16.6	102															
125	21.2	90.5	17.8	89.0															
130	21.8	81.0	18.3	79.7															
135	22.4	72.1	18.5	69.0															
140	24.2	64.8	20.6	60.4															
145	25.2	59.1	21.8	54.5															
150	25.0	49.2	21.5	49.0															
155	25.1	43.8	21.6	43.3															
160	25.5	39.2	22.3	39.5															
165	28.5	39.6	25.9	39.2															
170	30.7	35.2	28.5	35.5															
175	32.7	20.6	31.4	24.2															
180	33.9	21.3	33.9	21.3															

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:7.380m [K=1.0000]
Remarks: